第二十九屆電腦視覺、圖學暨影像處理研討會(CVGIP 2016)
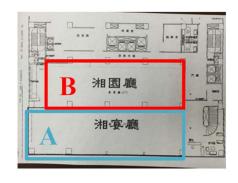
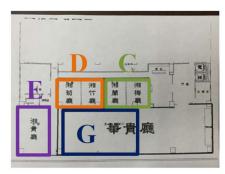# 會 議 議 程 表

8 月 15 日(星期一)					
時間	議程內容				
08：30 | 17：00	報到及註冊 (3F)				
09：20 | 10：45	湘宴廳 (3F) 電腦視覺前瞻研究國際研討會				
10：45 | 11：15	茶敘				
11：15 | 12：30	湘宴廳 (3F) 電腦視覺前瞻研究國際研討會				
12：30 | 14：00	午餐 (註冊電腦視覺前瞻研究國際研討會者提供日式餐盒)				
14：00 | 15：15	湘宴廳 (3F) 電腦視覺前瞻研究國際研討會	Session C1 Computer Graphics Workshop (CGW) 主持人 賴佑吉 教授 姚智原 教授	Session D1 Watermarking and Security 主持人 曾易聰 博士 許朝詠 博士	Session E1 Detection and Localization 主持人 涂瀞珽 教授 黃世勳 教授	Session F1 影像/視訊產學技術發表會 主持人 賴文能 教授
15：15 | 15：45	茶敘				
15：45 | 17：00	湘宴廳 (3F) 電腦視覺前瞻研究國際研討會	Session C2 Medical Imaging 主持人 張瑞峰 教授	Session D2 Image/Video Coding and Compression 主持人 陳美娟 教授 蘇柏齊 教授	Session E2 Image Enhancement and Measurement 主持人 丁建均 教授	Session F2 影像/視訊產學技術發表會 主持人 賴文能 教授
17：00	自由活動				

8 月 16 日(星期二)					
08：30 | 17：00	報到及註冊 (3F)				
08：50 | 09：50	IPPR 會員大會暨 CVGIP 2016 開幕典禮 (3F 湘宴廳)				
09：50 | 10：40	專題演講(一)：Trends and Prospects for Computer Vision Speaker: Prof. Larry Davis University of Maryland, USA 引言人：洪一平 教授				
10：40 | 11：10	茶敘				
11：10 | 12：00	專題演講(二): Interpreting Neural Semantics in Deep Models Speaker: Prof. Xiaogang Wang Chinese University of Hong Kong, Hong Kong SAR, China 引言人：賴尚宏 教授				
12：00 | 14：00	午餐 (需購買午餐卷)				
	Session A3	Session G3	Session C3	Session D3	Session E3	Session F3
14：00 | 15：15	Deep Leaning 1 主持人 傅楸善 教授 孫　民 教授	IPPR 博碩士論文獎暨發表 主持人 賴尚宏 教授 陳永昇 教授	TAICHI 主持人 朱宏國 教授 王浩全 教授	Image Segmentation 主持人 李建興 教授 石昭玲 教授	科技部新進人員研習會 主持人 范國清 教授	設計銀髮族專屬資通訊設備專案成果展 & 科技部成果海報發表 主持人 張傳育 教授
15：15 | 15：45	茶敘				
	Session A4	Session G4	Session C4	Session D4	Session E4	Session F4
15：45 | 17：00	Deep Learning 2 主持人 徐繼聖 教授 栗永徽 教授	Clustering and Classification 主持人 陳煥宗 教授 劉耿豪 教授	Multimedia Signal Processing 主持人 邱志義 教授	Advanced Multimedia Applications 主持人 康立威 教授	3D Reconstruction /Processing 主持人 黃春融 教授 胡敏君 教授	設計銀髮族專屬資通訊設備專案成果展 & 科技部成果海報發表 主持人 張傳育 教授
18：30 | 20：30	晚宴 及 CVGIP 2017 說明會(3F 湘宴廳)				

8 月 17 日(星期三)			
時間	議程內容		
08:30 │ 11:00	報到及註冊 (3F)		
	Session A5	Session B5	Session C5	Session D5
09:00 │ 10:15	Multimedia Application and Technology 1 主持人 江政欽 教授 王才沛 教授	Deep Learning 主持人 朱威達 教授	Image Processing and Applications 1 主持人 莊政宏 教授 葉梅珍 教授	Technology with Emerging Camera 主持人 陳冠文 教授
10:15 │ 10:45	茶敘		
	Session A6	Session B6	Session C6	Session D6
10:45 │ 12:00	Multimedia Application and Technology 2 主持人 方文聘 教授 江振國 教授	Advanced Techniques in Industry Applications 主持人 夏至賢 教授	Image Processing and Applications 2 主持人 陳建中 教授 李明穗 教授	Medical/Biomedical Image Processing and Applications 主持人 林維暘 教授 劉偉名 教授

議程會議室：

3F

5F

2F

會議室 A: 3 樓湘宴廳 　　　會議室 B: 3 樓湘園廳

會議室 C: 5 樓湘梅、蘭廳 　　會議室 D: 5 樓湘竹、菊廳

會議室 E: 5 樓湘貴廳 　　　　會議室 F: 2 樓湘雅廳

會議室 G: 5 樓華貴廳

Session C1: Computer Graphics Workshop (CGW)	
主持人:賴祐吉 教授、姚智源 教授　　　　地點:湘梅、蘭廳(5F)　　　　時間:14:00–15:15, 2016/08/15	
C1-1:	2.5D 卡通頭髮建模與操作 **(ss-1-1)** 葉智國, 普迪 庫馬 亞拉曼, 劉曉培, 傅志榮, 李同益
C1-2:	互動式影片擬真編輯 - 利用稀疏點結構 **(ss-1-2)** Chia-Sheng Chang, Hung-Kuo Chu
C1-3:	即時生成 360 度虛擬實境全景影片之中央窩影像串接法 **(ss-1-3)** 李維哲, 陳心怡, 陳明軒, 陳炳宇
C1-4:	基於網格重構的向量圖嵌入至三維模型表面 **(ss-1-4)** 郭鴻年, 陳光奕, 李政其, 姚智原, 賴祐吉
C1-5:	簡單網格之漫畫向量化 **(ss-1-5)** 陳奕佑, 洪仕軒, 李國維, 姚智原, 賴祐吉

Session D1: Watermarking and Security	
主持人:曾易聰 博士、許朝詠 博士　　　　地點:湘竹、菊廳(5F)　　　　時間:14:00–15:15, 2016/08/15	
D1-1:	PROGRESSIVE VISUAL CRYPTOGRAPHY AND ITS APPLICATIONS **(#15)** Yi-Chong Zeng (曾易聰)
D1-2:	AN IMPROVEMENT ON HIDING BITMAP IMAGES BY RUN-LENGTH ENCODING COUPLED WITH SEGMENT DISTRIBUTION **(#20)** Rey-Sern Lin (林瑞盛), Shih-Huang Yang (楊世煌)
D1-3:	A SIGNIFICANTLY VISIBLE AND REVERSIBLE IMAGE WATERMARKING SCHEME **(#34)** Chien-Chang Chen (陳建彰), Hsin-Cheng Yeh (葉信呈), Wei-Yu Lu (盧威宇)
D1-4:	A STREAM CIPHER BASED ON IMPROVED COUPLED MAP LATTICES **(#48)** Shyi-Tsong Wu (吳錫聰), Sheng-Kai Hsieh (謝勝凱), Cho-Chin Lin (林作俊), Tung-Tsun Lee (李棟村)
D1-5:	A MUTI-LAYER REVERSIBLE INFORMATION HIDING FOR COLOR IMAGES **(#77)** I-Hui Pan (潘宜輝), Te-Jen Chang (張德仁)

Session E1: Detection and Localization	
主持人: 凃瀞珽 教授、黃世勳 教授　　　　地點:湘貴廳(5F)　　　　時間:14:00–15:15, 2016/08/15	
E1-1:	A NIGHTTIME LANE DETECTION ALGORITHM USING SEVERAL SIGNAL PROCESSING TECHNIQUES **(#4)** Su-Ling Lee (李素玲), Chien-Cheng Tseng (曾建誠)
E1-2:	Text Localization Using Feature Point Information **(#8)** Chien-Cheng Lee (李建誠), Shang-Fei Shen (沈尚霏), Quan-Ting Lin(林冠廷)
E1-3:	SMART CITY: AUTOMATIC VEHICLE COUNTING AND CLASSIFICATION SYSTEM BASED ON BACK-PROPAGATION ALGORITHM **(#35)** Chung-I Huang, Chien-Hao Tseng, Fang Pang Lin, Hsiao Pei Tasi
E1-4:	HIERARCHICAL CLASSIFIER USING LBP ENCODING FOR THERMAL PEDESTRIAN DETECTION **(#46)** You-Chen Liu (劉祐辰), Shih-Shinh Huang (黃世勳), Feng-Chia Chang (張峰嘉), Ching-Hu Lu (陸敬互)
E1-5:	THE SPEED-LIMIT SIGN DETECTION AND RECOGNITION SYSTEM **(#69)** Kuo-Hsin Tu (凃國星), Chiou-Shann Fuh (傅楸善)

E1-6:	A LANE DETECTION METHOD BASED ON SEQUENTIAL SIMULATED ANNEALING ALGORITHM **(#68)** Meng-Ju Wu (吳孟儒), Chien-Kun Su (蘇建焜), Hsi-Chin Hsin (辛錫進)

Session F1 & F2: 影像/視訊產學技術發表會		
主持人: 賴文能教授	地點:湘雅廳(2F)	時間:14:00–17:00, 2016/08/15
F1-1:	基於影像處理之先進節能顯示技術 葉家宏 教授, 國立中山大學	
F1-2:	急景流年：摘要影片技術 詹寶珠 教授, 國立成功大學 黃春融 教授, 國立中興大學	
F1-3:	Video Stabilization with Robust Particle Filter and Virtual Camera Movement Trajectory Analysis 林道通 教授, 國立臺北大學	
F1-4:	Embedded System Implementation for Vehicle Around View Monitoring 林道通 教授, 國立臺北大學	
F1-5:	以嵌入式系統及相機陣列建構高爾夫球桿表面瑕疵之自動化檢測 吳先晃 教授, 國立雲林科技大學	
F1-6:	Face Recognition Across Illumination, Pose and Expression 徐繼聖 教授, 國立台灣科技大學	
F1-7:	Facial Attribute Detection with Deep Learning 徐繼聖 教授, 國立台灣科技大學	
F1-8:	Regressive Tree Structured Model for Facial Landmark Localization 徐繼聖 教授, 國立台灣科技大學	
F1-9:	基於單攝影機之即時前車距離估測與適應性巡航控制 (ACC) 賴文能 教授, 國立中正大學	
F1-10:	應用影像處理與三維重建技術建置乳房磁振造影手術模擬與視覺化系統 柯建全 教授, 國立嘉義大學資工系	
F1-11:	利用稀疏點結構之物件階層影片編輯 朱宏國 教授, 國立清華大學	
F1-12:	應用於博物館之訪客定位與追蹤 黃敬群教授, 國立中正大學	
F1-13:	為視障者設技之彩色定位標籤 阮聖彰 教授, 國立臺灣科技大學電子所	
F1-14:	用於有機發光二極體的低功率影像調整技術 阮聖彰 教授, 國立臺灣科技大學電子所	
F1-15:	運動視覺注意力模型深層遞迴神經網路用於動作辨識 王家慶 教授, 國立中央大學	
F1-16:	背景物件輪廓引導遮罩模型影像語意分割深層網路 王家慶 教授, 國立中央大學	
F1-17:	用於醫用輻射之多通道皮安培級電流量測與成像系統 謝奇文 教授, 國立嘉義大學	
F1-18:	多深度攝影機環境之運動動作辨識技術	

	孫士韋 教授, 國立臺北藝術大學
	張寶基 教授, 國立中央大學
F1-19	Imaging Solution in Mobile Phone
	周宏隆 資深技術處長, 華晶集團-聚晶半導體
F1-20	遠距多人非接觸式生理信號量測
	陳敦裕 教授, 元智大學

Session C2: Medical Imaging	
主持人:張瑞峰 教授　　　　　　　地點:湘梅、蘭廳(5F)　　　　時間:15:45–17:00, 2016/08/15	
C2-1:	REALISTIC ULTRASOUND VOLUME RECONSTRUCTION FROM TWO ORTHOGONAL VIEWS FOR SURGICAL TRAINING SYSTEM **(ss-4-1)**
	Bo-I Chuang (莊柏逸), Ting-Li Shen (沈庭立), Chia-Lung Li (李佳龍), I-Ming Jou (周一鳴), Yung-Nien Sun (孫永年)
C2-2:	SEMI-AUTOMATED HYPERSPECTRAL MAGNETIC RESONNACE IMAGE CLASSIFICATION OF BRAIN TISSUES AND WHITE MATTER LESIONS **(ss-4-2)**
	Hsian-Min Chen (陳享民), Jyh-Wen Chai (蔡志文), Clayton Chi-Chang Chen(陳啟昌), Chu-Jing Song (宋秋瑾) , Pau-Choo Chung (詹寶珠), Chein-I Chang(張建禕)
C2-3:	MEDICAL IMAGE SEGMENTATION BASED ON CONTRACTION PROCESS **(ss-4-3)**
	Jia-Hao Syu (許家豪), Sheng-Jyh Wang (王聖智), Li-Chun Wang (王蒞君)
C2-4:	GESTURE MEASUREMENT FOR REHABILITATION SYSTEMS **(ss-4-4)**
	Chiao-Chien Huang (黃喬健), Chih-Yang Lin (林智揚) , Wei-Yang Lin (林維暘)
C2-5:	MULTI-MODAL ALIGNMENT OF 3D CT AND 3D MR **(ss-4-5)**
	Eric Budiman Gosno, Ching-Wei Wang
C2-6:	COMPUTER AIDED DIAGNOSIS FOR BREAST ULTRASOUND **(ss-4-6)**
	Ruey-Feng Chang (張瑞峰)

Session D2: Image/Video Coding and Compression	
主持人:陳美娟 教授、蘇柏齊 教授　　　地點: 湘竹、菊廳(5F)　　　時間:15:45–17:00, 2016/08/15	
D2-1:	FAST HEVC ENCODING BY BIMODAL RD-COST SEGMENTATION AND ACCURATE DETERMINATION OF EARLY TERMINATION AND EARLY SPLIT **(#6)**
	Kuang-Han Tai (戴光漢), Mei-Juan Chen (陳美娟), Jie-Ru Lin (林杰儒)
D2-2:	A REGION OF INTEREST BASED SURVEILLANCE VIDEO CODING **(#16)**
	Hung-Yi Chen (陳宏毅), Jian-Jiun Ding (丁建均), Chiou-Shann Fuh (傅楸善)
D2-3:	FAST CU DEPTH DECISION FOR HEVC **(#36)**
	Tzu-Chieh Lin (林子傑), Chia-Chun Hsieh (謝佳峻), Wei-Ju Chiang (江瑋儒), Jiann-Jone Chen (陳建中)
D2-4:	SHAPE ENCODING AND SHAPE ADAPTIVE PREDICTION FOR OBJECT ORIENTED IMAGE COMPRESSION **(#49)**
	Li-Ang Chen (陳立昂), Hung-Yi Chen (陳宏毅), Jian-Jiun Ding (丁建均)
D2-5:	QTL-BASED FAST DEPTH VIDEO CODING IN 3D-HEVC **(#81)**
	Chao-Chun Wu (吳昭俊), Jhih-You Deng (鄧智友), Jui-Chiu Chiang (江瑞秋)

Session E2: Image Enhancement and Measurement	
主持人: 丁建均 教授　　　　　　　地點:湘貴廳(5F)　　　　時間:15:45–17:00, 2016/08/15	

E2-1:	DIGITAL COLOR IMAGE ENHANCEMENT METHODS USING VARIOUS COLOR SATURATIONS **(#3)** Chien-Cheng Tseng (曾建誠), Su-Ling Lee (李素玲), Cheng-Yu Wen (溫震宇)
E2-2:	IMAGE QUALITY ASSESSMENT BASED ON GRADIENT SENSITIVITY **(#44)** Li-Ang Chen (陳立昂), Jian-Jiun Ding (丁建均), Yi-Chen Li (李奕承)
E2-3:	ARE CORRELATION COEFFICIENTS RELIABLE PERFORMANCE INDICES FOR VISUAL QUALITY ASSESSMENT? **(#61)** Tsung-Jung Liu (劉宗榮), Kuan-Hsien Liu (劉冠顯), Hsin-Hua Liu (劉欣華), Soo-Chang Pei (貝蘇章)
E2-4:	Breast lesions detection using intra-voxel incoherent motion (IVIM-MRI) with AIHT contrast enhancement method **(#66)** Yu-Tzu Chang (張育慈), Po-Wen Huang (黃柏文), Si-Wa Chen (陳詩華), Dah-Cherng Yeh (葉大成), Yung-Chieh Chang (張詠傑), Chein-I Chang (張建禕), Jyh-Wen Chai (蔡志文), Clayton Chi-Chang Chen (陳啟昌), Hsian-Min Chen (陳享民), Yen-Chieh Ouyang (歐陽彥杰)
E2-5:	MULTIEXPOSURE IMAGE FUSION USING REFERENCE IMAGE SELECTION, DETAIL ENHANCEMENT, AND GHOST REMOVAL **(#72)** Yi-Jhen Wu (吳宜臻), Jin-Jang Leou (柳金章)

Session A3: Deep Learning 1	
主持人:傅楸善 教授、孫民 教授　　　　地點:湘宴廳(3F)　　　　時間:14:00–15:15, 2016/08/16	
A3-1:	BRAIN4VQA: VIDEO QUESTION ANSWERING VIA DEEP NETWORKS **(#26)** Kuo-Hao Zeng(曾國豪), Tseng-Hung Chen(陳增鴻), Ching-Yao Chuang(莊景堯), Yuan-Hong Liao (廖元宏), Juan Carlos Niebles, Min Sun (孫民)
A3-2:	USING DASHCAM VIDEOS TO ANTICIPATE ACCIDENTS **(#30)** Fu-Hsiang Chan (詹富翔), Yu-Ting Chen (陳玉亭), Yu Xiang (向宇), Min Sun (孫民)
A3-3:	SYMMETRIC-BASED UNSUPERVISED FEARTURE LEARNING IN RGB-D IMAGES FOR SCENE CLASSIFICATION **(#33)** Jui-Yuan Su (蘇瑞元), Kuan-Lin Cheng (程冠霖), Shyi-Chyi Cheng (鄭錫齊), Tzu-Hao Hsu (許子豪)
A3-4:	OBJECT CO-SEGMENTATION WITH REGRESSION SIAMESE NETWORK **(#55)** Wei-Yu Chen (陳威宇), Chiou-Shann Fuh (傅楸善)
A3-5:	RELATING FACIAL ATTRACTIVENESS WITH FACIAL ATTRIBUTES – A DEEP LEARNING PERSPECTIVE **(#73)** Gee-Sern Hsu, You-Ran Chen, ArulMurugan Ambikapathi, Yan-Xiang Chen

Session C3: TAICHI	
主持人:朱宏國 教授、王浩全 教授　　　　地點:湘梅、蘭廳(5F)　　　　時間:14:00–15:15, 2016/08/16	
C3-1:	StructFeed: Soliciting Feedbacks from Crowds for Supporting Better Writing Structure **(ss-2-1)** Yi-Ching Huang, Hao-Chuan Wang, Jane Yung-jen Hsu
C3-2:	GLIMNAVI: AN OUTDOOR NAVIGATION SERVICE FOR THE VISUALLY IMPAIRED SMARTPHONE USERS **(ss-2-2)** I-Fang Wang, Hsuan-Eng Chen, Yi-Ying Lin, Chien-Hsing Chen, Neng-Hao Yu, Hsien-Hui Tang
C3-3:	探討虛擬實境中以觸控裝置打字之鍵盤視覺回饋設計 **(ss-2-3)**

	蘇柏瑋, 朱宏國

Session D3: Image Segmentation	
主持人: 李建興 教授、石昭玲 教授　　　地點:湘竹、菊廳(5F)　　　時間:14:00–15:15, 2016/08/16	
D3-1:	PEDESTRIAN CONTOUR DETECTION BASED ON IMAGE SEGMENTATION **(#23)** Tai-Yuan Hsu (許泰源), Chiou-Shann Fuh (傅楸善)
D3-2:	ADAPTIVE GROWING AND MERGING ALGORITHM FOR HIGH ACCURACY IMAGE SEGMENTATION **(#43)** Hsuan-Yi Ko (柯宣亦), Jian-Jiun Ding (丁建均), Tzu-Chieh Lin (林子傑)
D3-3:	AUTOMATIC FLOWER REGION SEGMENTATION **(#45)** Shu-Yu Chuang (莊書瑜), Chang-Hsing Lee (李建興), Jau-Ling Shih (石昭玲)
D3-4:	IMAGE RESIZING BASED ON CONTENT SALIENCY AND REGION SEGMENTATION **(#71)** Cheng-Hung Chuang (莊政宏), Sung-Hsien Tsai (蔡松賢)
D3-5:	RAPID STEREO IMAGE SEGMENTATION USING PARALLEL COMPUTATION AND ITERATIVE NORMALIZED CUTS TECHNIQUES **(#80)** Wai-Wan Koc (郭慧芸), Chao-Yuan Chen (陳照元), Szu-Hao Huang (黃思皓)

Session F3: 科技部成果海報發表	
主持人:　　　　　　　　　　　　　　地點:湘雅廳(2F)　　　時間:14:00–15:15, 2016/08/16	
F3-1:	應用於多重感測器整合於銀髮族長期照護系統之監控技術-總計畫暨子計畫一:基於多重協同攝影機監控之3D人物定位、軌跡追跡、與行為分析1/2 賴文能, 國立中正大學電機系, MOST104-2221-E-194-043-MY2
F3-2:	應用多重感測器整合於銀髮族長期照護系統之監控技術-子計畫二:應用無線訊號於健康照護之室內人物追蹤研究(1/2) 黃敬群, 國立中正大學電機系, MOST104-2221-E-194-044-MY2
F3-3:	應用多重感測器整合於銀髮族長期照護系統之監控技術-子計畫三應用於銀髮族復健運動與娛樂之人與物件互動辨識深層學習方法 江振國, 國立中正大學資工系, MOST104-2221-E-194-045-MY2
F3-4:	應用多重感測器整合於銀髮族長期照護系統之監控技術-子計畫四指向性麥克風與全景攝影機實現居家生活日誌 1/2 陳自強, 國立中正大學電機系, MOST104-2221-E-1940-046-MY2
F3-5:	應用多重感測器整合於銀髮族長期照護系統之監控技術-子計畫五基於巨量資料之人物行為分析系統 薛幼苓, 國立中正大學資工系, MOST104-2221-E-1940-047-MY2

Session A4: Deep Learning 2	
主持人: 徐繼聖 教授、栗永徽 教授　　　地點:湘宴廳(3F)　　　時間:15:45–17:00, 2016/08/16	
A4-1:	DEEP LEARNING FOR INTEGRATED HAND DETECTION AND POSE ESTIMATION **(#19)** Min-Yu Wu (吳忞諭), Tzu-Yang Chen (陳子揚), Li-Chen Fu (傅立成), Chiou-Shann Fuh (傅楸善)
A4-2:	DEEP CONVEX NMF INTEGRATING WITH CONVOLUTIONAL NEURAL

	NETWORKS FOR ON-ROAD OBSTACLE DETECTION **(#21)** Yu-Hsun Hsieh (謝宇勳), Zong-Ying Shen (沈宗穎), Min-Yu Wu (吳忞諭), Li-Chen Fu (傅立成), Pei-Yung Hsiao (蕭培墉), Kuo-Ching Chang (張國清)
A4-3:	HUMAN SEGMENTATION WITH NVIDIA-TX1 **(#12)** Chun-Hsien Yu (余俊賢), Tang Lee (李唐), Chun-Wei Chen (陳俊偉), Meng-Ru Hsieh (謝孟儒), Chiou-Shann Fuh (傅楸善)
A4-4:	AUTOMATIC IRIS MASK GENERATION USING CONVOLUTIONAL NEURAL NETWORK **(#51)** Meng-Huan Li (李孟桓), Yung-Hui Li (栗永徽)
A4-5:	LEARNING HIERARCHICAL DISTRIBUTED FEATURES WITH DEEP CONVOLUTIONAL NEURAL NETWORK FOR FACIAL LANDMARK DETECTION **(#82)** Ya-Xu Liu, Shih-Yao Lin, Yan-Jing Lei, Yi-Ping Hung

Session G4: Clustering and Classification	
主持人:陳煥宗 教授、劉耿豪 教授　　　　地點:華貴廳(5F)　　　　時間:15:45–17:00, 2016/08/16	
G4-1:	Action Segmentation and Recognition Based on Bag of Visual Words Model **(#29)** Guan-Jhih Chen (陳冠智), I-Cheng Chang (張意政), Hung-Yu Yeh (葉泓佑)
G4-2:	A SUPERVISED CLUSTERING METHOD FOR MEDICAL COMPUTED TOMOGRAPHY IMAGES USING HIERARCHICAL SUPPORT VECTOR MACHINES **(#37)** Yu-Chieh Lin (林毓潔), Jiunn-Lin Wu1 (吳俊霖) , I-Chun Lee(李易俊), Chi-Hsiang Wu (吳其翔)
G4-3:	SPEAKER POSE DETECTION, RECOGNITION, AND TRACKING **(#60)** Yu-Shan Deng (鄧宇珊), Sei-Wang Chen (陳世旺)
G4-4:	ACTION CLASSIFICATION USING DATA MINING AND PAIRS OF SYMMETRICAL TRAJECTORIES **(#67)** Salah Alghyaline, Jun-Wei Hsieh, Hui-Fen Chiang, Cheng-Han Yang, Jui-Yu Lin
G4-5:	APPLICATION OF MODULARITY ON THE FEATURES OF IMAGES **(#64)** Kuan-Peng Chen(陳冠朋), Chun-Yu Lin (林俊鈺), Nan-Yow Chen (陳南佑)

Session C4: Multimedia Signal Processing	
主持人:邱志義 教授　　　　地點:湘梅、蘭廳(5F)　　　　時間:15:45–17:00, 2016/08/16	
C4-1:	THE STUDY OF LUMA MODIFICATION FOR COMPRESSION RGB IMAGE **(ss-7-1)** Kuo-Liang Chung (鍾國亮), Tsu-Chun Hsu, Chi-Chao Huang (黃祺超)
C4-2:	SCORING OF MITOTIC CELLS OF BREAST CARCINOMA BASED ON COMPUTER-AIDED-DIAGNOSIS TECHNIQUES **(ss-7-2)** Chien-Chuan Ko(柯建全), Chi-Yang Chen(陳麒陽), Chun-Hung Lin (林俊宏), Kai-Sheng Liao(廖凱盛)
C4-3:	SHAPE-FIDELITY RETAINED DYNAMIC-HAND SEGMENTATION IN CLUTTER BACKGROUNDS USING SOLO-KINECT **(ss-7-3)** Din-Yuen Chan (章定遠), Jian-Kai Chen (陳建凱), Ji-Rong Wu (吳佶融)
C4-4:	MINIMAL QUANTIZATION LOSS-BASED FEATURE SELECTION FOR ASYMMETRIC DISTANCE COMPUTATION **(ss-7-4)** Chih-Yi Chiu (邱志義), Ri-Sheng Qiu (邱日聖)

Session D4: Advanced Multimedia Applications
主持人:康立威 教授　　　　　　　地點:湘竹、菊廳(5F)　　　　時間:15:45–17:00, 2016/08/16

D4-1:	GENDER RECOGNITION IN APPLICATIONS OF DIGITAL BILLBOARD BASED ON DEEP LEARNING **(ss-5-1)** Chuan-Yu Chang (張傳育), Wei-Chen Cao (曹瑋宸) , Po-Chi Su (蘇柏齊)
D4-2:	DEFECT DETECTION FOR A STEEL TRAPEZOID PIPE BASED ON AUTOMATIC OPTICAL INSPECTION **(ss-5-2)** Hsien-Huang P. Wu, Yen-Tse Hsieh, Hong-Yi Guo
D4-3:	A REGION-OF-INTEREST DETECTION METHOD FOR CAMERA-CAPTURED IMAGES **(ss-5-3)** Hsiang-Min Li (李祥民), Guo-Shiang Lin (林國祥), Sin-Kuo Chai (蔡興國), Shu-Sheng Liaw (廖述盛)
D4-4:	EXTRACTING TREE RINGS FROM DISC BITMAP IMAGE **(ss-5-4)** Fu-Ming Yang (楊富名), ChinSu Lin (林金樹), Shih-Yu Chen (陳士煜), Li-Han Lin (林力瀚)
D4-5:	A DYNAMIC BACKLIGHT DIMMING ALGORITHM BASED ON THE DISTRIBUTION ANALYSIS OF HIGH BRIGHTNESS PIXELS **(ss-5-5)** Kyle Shih-Huang Lo (羅世煌), Jia-Ying Lin (林佳瑩), Chia-Hung Yeh (葉家宏)

Session E4: 3D Reconstruction/Processing
主持人:黃春融 教授、胡敏君 教授　　　地點:湘貴廳(5F)　　　時間:15:45–17:00, 2016/08/16

E4-1:	3D Reconstruction of Solder Balls **(#5)** Yi-Bing Zhang (張易冰), Chiou-Shann Fuh (傅楸善), Hung-Yi Chen (陳弘毅), Cheng-Shi Wong (翁丞世), Tsung-An Hsieh (謝尊安)
E4-2:	INDOOR SCENE 3D RECONSTRUCTION **(#17)** Chen-Hao Wei, Shang-Yi Lin
E4-3:	USING MFI IN EGO-MOTION ESTIMATION FOR IMPROVED 3D RECONSTRUCTION **(#76)** Chen-Chi Chuang(莊振錡), Ting-Hsiang Huang(黃鼎翔), Yu-Mei Hong(洪郁媚), Jr-Jiun Lin(林芝君), Chia-Yen Chen(陳佳妍)
E4-4:	VISUALIZATION AND SART FOR 3D RECONSTRUCTION OF SOLDER BALLS **(#39)** Masatoshi Chang-Ogimoto (荻本雅俊), Chiou-Shann Fuh (傅楸善), Hung-Yi Chen (陳弘毅), Cheng-Shih Wong (翁丞世), Tsun-An Hsieh (謝尊安)
E4-5:	IDENTIFYING AND FILLING OCCLUSION HOLES ON PLANAR SURFACES FOR 3-D SCENE EDITING **(#74)** Chia-Wei Wang (王嘉瑋), Tzu-Chieh Yang (楊子頡), Sheng-Ho Chiang (江聖和), Tsaipei Wang (王才沛)

Session F4: 科技部成果海報發表
主持人:　　　　　　　　　　地點:湘雅廳(2F)　　　　時間:14:45–15:15, 2016/08/16

F4-1:	應用類神經網路於影像超解析以提高紋理資料庫比對效能研究 周昌民, 健行科技大學數位多媒體設計系, MOST104-2221-E-231-012
F4-2:	研製基於眼底影像特徵之預後分析系統 林維暘, 國立中正大學資訊工程學系, MOST104-2221-E-194-050

	Session A5: Multimedia Application and Technology 1
主持人:江政欽 教授、王才沛 教授　　　地點:湘宴廳(3F)　　　時間:9:00–10:15, 2016/08/17	
A5-1:	AN ADAPTIVE STRATEGY TO MULTICAST MOST POPULAR CONTENT FOR NEAR VIDEO-ON-DEMAND SYSTEM (#25) Ru-Jen Lee (李如珍), Chi-He Chang (張致和), Chao-Wei Tseng (曾朝尉), Ye-Zhi Chen (陳耶至), Min-Chun Huang (黃敏純)
A5-2:	AN INTERACTIVE AUGMENTED REALITY FURNITURE CUSTOMIZATION SYSTEM (#27) Tzu-Chien Young (楊子權), Shana Smith (陳湘鳳), Chih-Kai Yang (楊智凱), Chiou-Shann Fuh (傅楸善)
A5-3:	DETECTING AND LOCATING PLAGIARISM OF MUSIC MELODIES BY PATH EXPLORATION OVER A BINARY MASK (#53) Mu-Syuan Sie (謝牧軒), Cheng-Chin Chiang (江政欽), Hsiu-Chun Yang(楊修俊)
A5-4:	LOW-COMPLEXITY MULTI-OBJECT TRACKING AND ITS APPLICATIONS IN INTELLIGENT CONTROL SYSTEM (#57) Ching-Chin Yang (楊景欽), Tsung-Han Tsai (蔡宗漢)
A5-5:	VISUAL LOCATION SEARCH USING SYMMELETS (#65) Chong-Po Liao, Jun-Wei Hsieh, Hui-Fen Chiang, Yun Tsao, Yu-Chi Shih
A5-6:	AUTOMATIC SEGMENTATION AND SUMMARIZATION FOR VIDEOS TAKEN WITH SMART GLASSES (#75) Yen-Chia Chiu (邱彥嘉), Li-Yi Liu (劉禮毅), Tsaipei Wang (王才沛)

	Session B5: Deep Learning
主持人:朱威達 教授　　　地點:湘園廳(3F)　　　時間:9:00–10:15, 2016/08/17	
B5-1:	SIGN LANGUAGE RECOGNITION BASED ON CONVOLUTIONAL NEURAL NETWORKS (ss-3-1) Jhe-Wei Li, Tse-Yu Pan, Li-Yun Lo, and Min-Chun Hu
B5-2:	A LEARNING-BASED TRACKING ALGORITHM FOR HAND GESTURE (ss-3-2) Jordi Sanchez-Riera, Shintami C. Hidayati, Kai-Lung Hua, Jen-Chieh Chiang, Wen-Huang Cheng
B5-3:	DETECTION OF POLYPOIDAL CHOROIDAL VASCULOPATHY USING CONVOLUTION NEURAL NETWORK (ss-3-3) Chao-Liang Lu (盧昭亮), Wei-Yang Lin (林維暘), Chia-Ling Tsai (蔡佳玲), Shih-Jen Chen (陳世真)
B5-4:	DEEP LEARNING BASED ACTIVITY RECOGNITION FOR SENSOR DATA (ss-3-4) Chih-Hsiang Yu (游智翔), Chen-Kuo Chiang (江振國)

	Session C5: Image Processing and Applications 1
主持人:莊政宏 教授、葉梅珍 教授　　　地點:湘梅、蘭廳(5F)　　　時間:9:00–10:15, 2016/08/17	
C5-1:	BALL GRID ARRAY INSPECTION WITH X-RAY IMAGES (#2) Hong-Yi Chen (陳弘毅), Chi-Fu Lin (林奇賦), Yuh-Hsuan Hsiung (熊育萱), Chiou-Shann Fuh (傅楸善)
C5-2:	TEXTURE IMAGE RETRIEVAL BY USING TEXTURE AND COLOR FEATURES (#70) Cheng-Hung Chuang (莊政宏), Chin-Chou Chen (陳勁舟), Wei-Chih Shen (沈偉誌)

C5-3:	IMPROVED DIRECTIONAL CUBIC CONVOLUTION IMAGE INTERPOLATION ALGORITHM BASED ON KITTLER-ILLINGWORTH MINIMUM ERROR THRESHOLDING **(#42)** Chia-Chun Hsu (徐嘉駿), Jian-Jiun Ding (丁建均), Chir-Weei Chang (張奇偉), Yen-Chang Wang (王嚴璋)
C5-4:	USING GENERALIZED MEDIAN TO COMPARE THE EFFICACY OF TWO DIFFERENT EDGE DETECTION METHODS – A PRE-STUDY **(#52)** 程大川, 陳昱丞
C5-5:	2D + 3D FACE MORPHING **(#14)** Yen-Cheng Liu (劉彥成), Pei-Hwai Ciou (邱沛淮), Chiou-Shann Fuh (傅楸善)

Session D5: Technology with Emerging Camera		
主持人:陳冠文 教授	地點:湘竹、菊廳(5F)	時間:9:00–10:15, 2016/08/17

D5-1:	POSING VIEWPOINT AND DERIVING FOCAL LENGTH OF FISHEYE LENS CAMERA **(#22)** Chang-Jan Chang, Jia-Sheng Wang, Yuan-Hao, Lai, Ming-Hong Liao, Yi-kai Tien
D5-2:	VISUAL-INERTIAL EGO-POSITIONING FOR FLYING CAMERAS **(#56)** Qiao Liang (梁橋), Tian-Yi Shen (沈天翼), Meng-Hsun Chou (周孟勳), Kuan-Wen Chen (陳冠文), Hsin-Ruey Tsai (蔡欣叡), Yi-Ping Hung (洪一平)
D5-3:	CALIBRATION OF MULTIPLE DEPTH CAMERAS WITH NO OPERLAPPING REGION **(#63)** Shang-Yi Lin (林尚一), Chen-Hao Wei (魏震豪)
D5-4:	PREDICTION OF APPROACHING VEHICLES IN BLIND SPOTS BY USING A REAR-MOUNTED FISHEYE CAMERA **(#10)** Su-Kang Chou (周蘇剛), Daw-Tung Lin (林道通)
D5-5:	VIEW INTERPOLATION FOR VIDEO SEE-THROUGH HEAD-MOUNTED DISPLAY **(#59)** Chun-Jui Lai (賴儁睿), Ping-Hsuan Han (韓秉軒), Yi-Ping Hung (洪一平)

Session A6: Multimedia Application and Technology 2		
主持人:方文聘 教授、江振國 教授	地點:湘宴廳(3F)	時間:10:45–12:00, 2016/08/17

A6-1:	VIDEO STABILIZATION WITH ROBUST PARTICLE FILTER AND VIRTUAL CAMERA MOVEMENT TRAJECTORY ANALYSIS **(#11)** Hsueh-Ying Lo (駱學穎), Daw-Tung Lin (林道通)
A6-2:	COMPARISONS BETWEEN ENHANCED BRUTE FORCE ALGORITHM AND HORN&SCHUNCK METHOD ON MOTION ESTIMATION **(#13)** Sheng-Hsuan Lin (林聖軒), Chiou-Shann Fuh (傅楸善)
A6-3:	DRAWEZONE: BRUSH SIMULATION IN PAINTING BASED ON EASILY ACCESSIBLE MOBILE PLATFORMS **(#28)** Yen-Chun Lee, Ze-Kang Lu, Ming Ouhyoung
A6-4:	IMAGE MODIFIED METHOD FOR MOVING LIGHT SHOW PROJECTOR **(#47)** Wen-Pinn Fang (方文聘), Jiu-Sheng Kuo (郭久陞), Chu-En Hsieh (謝竺恩)
A6-5:	LIGHT-TO-CAMERA COMMUNICATION FOR CONTEXT-AWARE MOBILE SERVICES IN EXHIBITS **(#79)** Xin-Lan Liao (廖歆蘭), Kun-Hsien Lin (林昆賢), Yi-Chang Wang (王亦璋), Lih-Guong Jang (張立光), Yi-Yuan Chen (陳一元), Chi-Neng Liu (劉啟能), Po-Yu Huang (黃博裕),

	Tai-Shen Ho (何台生)

Session B6: Advanced Techniques in Industry Applications	
主持人:夏至賢 教授　　　　　　地點:湘園廳(3F)　　　　時間:10:45–12:00, 2016/08/17	
B6-1:	ADAPTIVE STRUCTURE FEATURE METHOD FOR ASSISTED FORKLIFT PALLET DETECTION (ss-6-1) Jia-Liang Syu (徐嘉良), Hsin-Ting Li (李信廷), Jen-Shiun Chiang (江正雄), Chih-Hsien Hsia (夏至賢), Ting-Yu Lin (林庭宇)
B6-2:	EFFICIENT MOTION CORRECTION METHOD FOR BASKETBALL PLAYER FIELD GOAL SHOOTING POSTURES (ss-6-2) Chih-Hsien Hsia (夏至賢), Chin-Hsiang Chien (簡晉翔), Hao-Wei Hsu (許昊威), Jen-Shiun Chiang (江正雄)
B6-3:	Fusion of Deep Learning and Compressed Domain features for Content Based Image Retrieval (ss-6-3) Jing-Ming Guo (郭景明), Chi-Yi Wu(吳哲逸)
B6-4:	AN EFFICIENT ENERGY SAVING APPROACH FOR MOBILE VIDEO PROCESSING APPLICATION SYSTEMS (ss-6-4) Yen-Lin Chen (陳彥霖), Ming-Feng Chang (張銘峰), Wen-Yew Liang (梁文耀), Chao-Wei Yu (余兆偉), Bi-Cheng Luan (欒弼丞)

Session C6: Image Processing and Applications 2	
主持人:陳建中 教授、李明穗 教授　　地點:湘梅、蘭廳(5F)　　時間:10:45–12:00, 2016/08/17	
C6-1:	REPRESENTATION OF IMAGE BY LOCAL SYMMETRY DECOMPOSITION (#9) Soo-Chang Pei(貝蘇章), Hsin-Ying Tasi (蔡馨瑩), Chiou-Shann Fuh (傅楸善)
C6-2:	POSITIONING-BASED IMAGE RETRIEVAL APPLICATION (#32) Qiao Liang (梁橋), Xiaobei Qian (錢曉蓓), Chiou-Shann Fuh (傅楸善)
C6-3:	A FAST CLOUD LARGE-SCALE IMAGE RETRIEVAL SYSTEM USING WEIGHTED-INVERTED INDEX AND DATABASE FILTERING ALGORITHM (#41) Shuo-Fu Yen (顏碩甫), Jiann-Jone Chen (陳建中), Yao-Hong Tsai (蔡耀弘)
C6-4:	RECTIFICATION FOR PHOTOGRAPHED DOCUMENTS USING FLASH AND NON-FLASHED IMAGES (#78) Chai-Chun Kuang (匡載君), Ming-Sui Lee (李明穗), Chun-Jung Chien (簡均容)
C6-5:	GENERATING STEREO-VIEWABLE OIL PAINTINGS FROM PHOTOGRAPH (#62) Bo-Ru Huang, Fay Huang, Ming-Hui Chiu, Jung-Chi Hung

Session D6: Medical/Biomedical Image Processing and Applications	
主持人:林維暘 教授、劉偉名 教授　　地點:湘竹、菊廳(5F)　　時間:10:45–12:00, 2016/08/17	
D6-1:	Computer-Aided Tumor Diagnosis using Shear Wave Breast Elastography (#7) Yao-Sian Huang (黃耀賢), Ruey-Feng Chang (張瑞峰), Yi-Ting Lin (林怡婷), Woo Kyung Moon (文宇光)
D6-2:	FUNDUS IMAGE ANALYSIS FOR VISION HEALTH CHECK USING HOUGH CIRCLE AND ADAPTIVE COLOR THRESHOLDING TECHNIQUES (#24) Yue-Min Jiang (蔣岳珉) and Jian-Ren Chen (陳建任) and Ho-Hsin Lee(黎和欣)
D6-3:	MEDICAL SHAPE FINDING WITH DEFORMBLE MODELS BASED ON 3D OBJECT SEGMENTATION BY RECONSTRUCTION (#31)

	Wen-Hui Tseng (曾文慧), Shyi-Chyi Cheng (鄭錫齊), Chin-Lang Lin (林志朗)
D6-4:	A SOFTWARE TO RECONSTRUCT AND CONCATENATE SPECTRAL DOPPLER WAVEFORMS FROM SCREEN CAPTURED VIDEOS OF ULTRASONOGRAPHY **(#54)** Wei-Che Chien (簡偉哲), An-Bang Liu (劉安邦), Wei-Min Liu (劉偉名)
D6-5:	PREDICTION OF ISCHEMIC STROKE FOR AIDED DIAGNOSIS IN COMPUTED TOMOGRAPHY BRAIN IMAGES **(#58)** Yu-Ling Chou(周昱伶), Chien-Hsun Li (李建勳), Hsiao-Wei Chu (朱效緯), Yung-Sung Lai (賴永崧), Po-Chin Chiou (邱伯晉), Yu-Shan Cai (蔡毓珊), Shu-Han Chan (詹舒涵), Hui-Ling Huang (黃慧玲), Shinn-Ying Ho (何信瑩)